



ECO2 99+ SYNTHETIC DBM (Sintered Magnesia)



DESCRIPTION	ECO2 99+ synthetic DBM is produced from serpentine tailings using patented ECO2 technology. Ultrapure MgO content; Highest bulk density; Totally exempted of boron. Produced with revolutionary CO2 captation technology for lowest emission footprint in the marketplace allowing downstream customers to significantly reduce their carbon footprint.		
USES	For production of high-quality refractory bricks; provides the highest resistance against temperature and corrosion available on the market.		
CHEMICAL COMPOSITION *Our process makes it possible to adjust the content of this parameter to address customer needs		Typical	Specification
	Magnesium Oxide (MgO), %	98.75	98.3 min.
	*Calcium Oxide (CaO), %	0.55	0.7 max.
	*Silicon Oxide (SiO ₂), %	0.48	0.6 max.
	*Iron Oxide (Fe ₂ O ₃), %	0.05	0.25 max.
	Aluminum Oxide (Al ₂ O ₃), %	0.05	0.25 max.
	Boron Oxide (B ₂ O ₃), ppm	No Boron	
	Chromium Oxide (Cr ₂ O ₃), %	0.04	
	*CaO:SiO ₂ Ratio, wt.	1.15	
PHYSICAL PROPERTIES		Typical	Specification
	Loss On Ignition (LOI), %		0.30 max.
	Bulk Density, (parafin, water method), g/cm ³	3.49	
	Bulk Density, (mercury method), g/cm ³	3.50	
PACKAGING	Run-of-kiln briquettes; ECO2 Magnesia offers a variety of packaging options, including bulk (truck and railcar), bags, and bulk sacks. Please contact a sales representative for information.		
STORAGE	Keep away from moisture. Store in a dry place.		

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ECO2 Magnesia | www.eco2magnesia.ca
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